

Accelerometer Calibration Certificate

Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.
Calibration performed on 12Jul2024

Serial No: K5170 Temperature: 24.9 °C
Model: PR Humidity: 56%
Calibrated on: Channel 3 on 8G 5161 LE

PDA CALIBRATION FACTOR

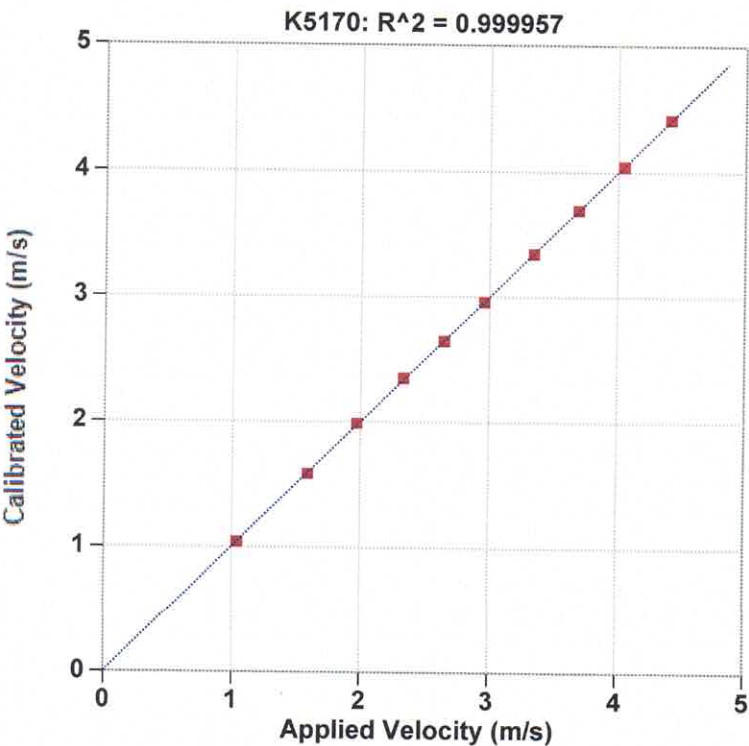
346.9 mv/5000g
(69.4 μv/g)
R^2: 0.999957 [Chip programmed]

Ref Acc 1: 78270! Cal on: 11Jan2024
971 g's/volt
Ref Acc 2: 78268! Cal on: 11Jan2024
986 g's/volt

Operator: William Johnson


Signed

Reference accelerometer calibrations are traceable to the United States National Institute of Standards and Technology (NIST).



Reference Velocity	S/N K5170 Velocity
m/s	m/s
1.045	1.041
1.594	1.587
1.976	1.990
2.338	2.350
2.653	2.649
2.963	2.961
3.348	3.343
3.696	3.695
4.048	4.045
4.416	4.417

Maximum Acceleration: 960 g's